

# JEREMY AMORO

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## EDUCATION

### **-University of Connecticut, Storrs, CT**

*Bachelor of Science in Engineering (BSE)*, May 2022

Major in Electrical Engineering, Minor in Mathematics

Honors Program, Dean's List Spring 2019, Fall 2019, Spring 2020

GPA: 3.887/4.000

### **-University of New Haven, West Haven, CT**

Took undergraduate courses alongside high school courses

### **-Engineering and Science University Magnet School, West Haven, CT**

High School Diploma, June 2018

## TECHNICAL SKILLS

*Circuit Design:* SPICE Circuit Analysis, Autodesk Eagle, OrCAD Capture CIS

*Computer Aided Design:* Solidworks, Autodesk Inventor, Blender

*Programming:* Python, C, Arduino (C/C++), AVR (C)

Knowledge with Linux Operating Systems

MATLAB (Beginner Level)

3D Printing, Laser Engraving/Cutting, Soldering

*Microsoft:* Word, Excel, PowerPoint, Access

*Adobe:* Photoshop, InDesign, Illustrator

*Language:* Conversational French

## WORK EXPERIENCE

### **AutoDolly LLC, CT**

*Engineering Intern*, January 2020 – May 2020

- Designing prototypes and researching parts to create the most cost efficient and practical design for the project.
- Communicated with manufacturers and suppliers to locate needed parts at the best price and availability.
- Learned programming of a control system of the device using Python and Robot Operating System.

### **Right2Thrive, West Haven, CT**

*Intern*, January 2014 – Present

- Sold handmade items to support a women's empowerment program in Kenya.
- Developed an inventory and sales tracking system to manage the operations.

### **West Haven Fire Department, West Haven, CT**

*Exam Proctor*, 2016 – 2017

- Proctored entry firefighter exams for future firefighters from across the northeast.

## LEADERSHIP

### **"Bold Industries" Competition Team, Storrs, CT**

*Head Electrical Engineer*, 2018 – Present

- Implemented electronics, Arduino, and Bluetooth into a pneumatic exosuit to be controlled via smartphone and voice.

### **Engineering and Science University Magnet School, West Haven, CT**

*Student Innovation Expo team "Stresslet" Prototype and Software Team Leader*, 2015 – 2016

- Developed and led a team to create a heart rate monitor and a software user interface to view heart data.

### **Engineering and Science University Magnet School, West Haven, CT**

*Student Innovation Expo team "Gr-Aide" Website Manager*, 2015 – 2016

- Directed the website team for documentation and information about the project

## AWARDS

**Day of Pride Scholar**, Storrs, CT, 2018 - Present

*Full Scholarship to UConn, Recipient and Organization Member*, 2018 – Present

**Get Seeded Award Winner**, Storrs, CT

- Received funding to further develop an exosuit project with "Bold Industries."

**Alpha Lambda Delta Honors Society Member**, Storrs, CT, 2019 – Present

**IEEE Eta Kappa Nu UConn Chapter**, Storrs, CT, 2020 - Present